

Health o meter[®]

P r o f e s s i o n a l

553KL

DIGITAL PEDIATRIC SCALE
BALANZA ELECTRONICA PEDIÁTRICA
BALANCE ELECTRONIQUE PEDIATRIQUE

44 lb x 0.5 oz
20 kg x 0.01 kg



232791
IEC 60601-1
C22.2 No. 601.1-M90
UL 60601-1

USER INSTRUCTIONS • INSTRUCCIONES DE USO • MODE D'EMPLOI

Rev. 20100611

Thank you for your purchase of this Health o meter® Professional scale.
Please read this manual carefully and keep it for easy reference or training.

Gracias por su compra de ésta balanza Health o meter® Profesional. Lea éstas instrucciones con cuidado, y mantenga el manual disponible para futuras consultas y también para su uso a la hora de orientar o formar al nuevo personal que la utilizará.

Merci d'avoir acheté cette balance Health o meter® Professionnelle. Veuillez lire attentivement ce manuel et le garder à portée de main pour pouvoir le consulter à tout moment.

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PLEASE REGISTER YOUR SCALE FOR WARRANTY COVERAGE AT:

<http://www.homscales.com/customers/registration.aspx>

POR FAVOR REGISTRE SU BALANZA PARA OBTENER COBERTURA DE LA GARANTIA EN:

<http://www.homscales.com/customers/registration.aspx>

MERCI D'ENREGISTRER LA BALANCE AFIN DE LA GARANTIE SUR LE:

<http://www.homscales.com/customers/registration.aspx>

CAUTION AND WARNING

To prevent injury and damage to your scale, please follow these instructions very carefully:

- Do not transport the scale while tray is loaded.
- For accurate weighing the scale must be placed on a flat, stable surface.
- For accurate weighing, verify proper operation according to the procedure described in this manual before each use.
- Do not use in the presence of flammable materials.
- Operating at other voltages and frequencies than specified could damage the equipment.
- If the "LOW BAT" indicator activates, for accurate weighing replace the batteries or plug the scale into a power source as soon as possible.
- Only manufacturer's qualified personnel should service the scale.

This equipment has been tested and found to comply with the EMC limits for the Medical Device Directive 93/42/EEC (EN 55011 Class A and EN 60601-1-2). These limits are designed to provide reasonable protection against harmful interference in a typical medical installation. The equipment generates, uses and may radiate radio frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to eliminate the interference by one or more of the following measures:

- Reorient or relocate the receiving device.
- Increase the separation between the equipment.
- Connect the scale's adapter into an outlet on a circuit different from that to which the other device(s) is connected.
- Consult the manufacturer at (+1) 800-638-3722 or (+1) 708-377-0600, or a field service technician for help.

DEFINITION OF SYMBOLS



Attention, Consult Accompanying Documents



Type BF Applied Parts



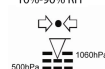
AC to DC power supply



Temperature range
(50 °F to 104 °F / 10 °C to 50 °C)



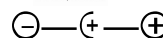
Humidity range
(10% - 90% RH)



Atmospheric pressure range
(500hPa – 1060hPa)



AC to DC power supply
(9V DC, 200mA)



DC Connector Polarity

553KL SCALE SPECIFICATIONS

Capacity and Resolution:	44 lb x 0.5 oz / 20 kg x 0.01 kg
Power Requirements:	6-AA cell 1.5V batteries (INCLUDED) or optional Adapter Model ADPT30 120-240V AC – 9V DC 50-60Hz. OPTIONAL ADAPTER NOT INCLUDED.
Environmental:	Operating Temperatures: 50 °F to 104 °F / 10 °C to 40 °C Atmospheric Pressure: 500hPa to 1060hPa Humidity: 10% to 90% RH
Tray Dimensions:	25" x 12-3/4" / 63.5 cm x 32.4 cm
Scale Dimensions:	25" x 16-1/4 x 3-3/4" / 63.5 cm x 41.3 cm x 9.5 cm

STORAGE SPECIFICATIONS

Storage Temperatures:	32 °F to 122 °F / 0 °C to 50 °C
Humidity:	10% - 90% RH
Atmospheric Pressure:	500hPa – 1060hPa

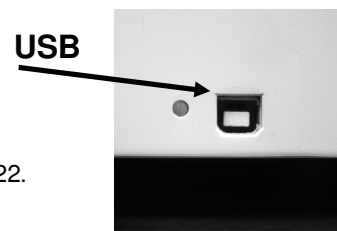
*WARNING:

For use with Power Adaptor Model UE 15WCP-090050SPA/ADPT30 only. Complies with C22.2 No. 601.1-M90 and UL Std No. 60601-1. Type BF applied parts. Internally powered. **Equipment is not suitable for use in the presence of flammable anesthetic mixture with air nor with oxygen or nitrous oxide.**



553KL SCALE CONNECTIVITY INFORMATION:

This scale is designed to connect to other devices via a USB port, to allow acquisition of weight from the scale, to help close a source of potential medical errors caused by incorrectly copying and then recording a weight taken. This scale is EMR-EHR compatible. For more information regarding how to connect this scale to your computer, a monitor or other device please contact Health o meter® Professional Technical Support at 800-638-3722.



SET UP / BATTERIES**553KL****IMPORTANT**

To prevent falls or injury, place the scale securely far from the edge of the counter, table or other flat surface used to hold the scale. Do not let the scale touch the wall or any other object near or around the scale while it is in use.

TAPE MEASURE

For your convenience, a measuring tape is included with the 553KL scale. You may affix the tape to either the bottom or side of the weighing tray, depending on your preference for visually determining the length of the baby, up to 24" or 58cm.

INSTALLING BATTERIES

1. Locate the battery compartment underneath the scale base and remove the battery compartment cover.
2. Place 6 new AA alkaline batteries into the battery compartment. Make sure the '+' and '-' are positioned correctly, as shown on the bottom of the battery compartment. (Use only 6 AA alkaline batteries).
3. Replace the battery compartment cover.

NOTE: Dispose of used batteries in accordance to your country's national, state or local requirements. **Replace the batteries when the display reads 'LobAt'.**

ADAPTER POWER OPTION

An optional power adapter is available (ADPT 30). Plug the optional adapter (NOT INCLUDED) into the base of the scale and then into the outlet for power. The LED next to the power jack will light up in red indicating that there is power to the scale. Please refer to page 3 for information regarding the adapter available for use with this scale. When an adapter is used, the battery icon will not be displayed. The power adapter jack is located on the back of the scale as shown below in Figure 1.

TO SHUT OFF THE SCALE

1. To manually shut off the scale, press the ON/OFF button.
2. The scale will automatically shut off after 2 minutes of inactivity, if this function is enabled, to help extend battery life or to reduce power usage.

TO DEACTIVATE / REACTIVATE AUTO-OFF

1. To deactivate the AUTO-OFF function, with the scale shut off, press and hold the RELEASE button.
2. Press and release the ON/OFF button while still holding the RELEASE button.
3. Release both buttons. "AOF=0" will be displayed on the screen to confirm that the Auto-Off feature has been deactivated.
4. To reactivate the AUTO-OFF function, shut the scale off and then press and hold the RELEASE button, then repeat steps 2 and 3. "AOF=1" will be displayed to confirm that the Auto-Off feature has been reactivated.

NOTE: If set up instructions failed, refer to the troubleshooting instructions. If troubleshooting does not resolve the problem, please contact Health o meter® Professional Technical Support at (+1) 800-638-3722 or (+1) 708-377-0600.

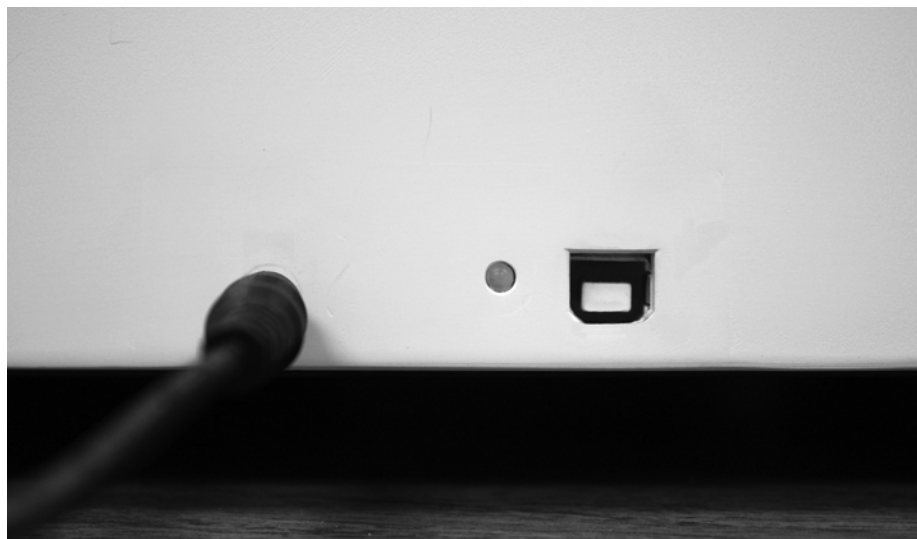


Figure 1
POWER ADAPTER JACK LOCATED ON THE BACK OF THE SCALE

QUICK START / OPERATING INSTRUCTIONS**553KL****QUICK START INSTRUCTIONS**

1. Place batteries in the battery compartment or plug the scale into the wall, as indicated above.
2. Place the scale on a hard, flat surface for accuracy and safety in use.
3. Press the **ON/OFF** button to start the scale. "88:88.8" and then "0:0.0" will appear on the display, along with "LB" and "OZ" (or "0.00 KG"). To change the units for use to KG, press the Kg/LB button once (for more information on KG, see below).
4. Place the baby on the scale so that its weight is evenly distributed over the tray. The scale will weigh even if the baby moves.
5. When a stable weight is calculated, a small ring along with the word "HOLD" will appear on the display and the weight of the baby will lock, as shown on the display. **NOTE:** If the display shows "OVER", the weight of the baby exceeds the capacity of this scale (see Scale Specifications on page 3).
6. Remove the baby from the scale. The scale will continue to display the baby's weight.
7. To return the scale to 0, press the **RELEASE** button, and the scale will be ready to weigh again.

**ZERO/CLEAR (TARE) FUNCTION**

The tare function allows you to place other items on the scale while weighing the baby, without affecting the baby's weight reading.

1. Place the item you want to tare on the scale tray to weigh it.
2. Press and release the **ZERO/CLEAR** button to change the weight to 0.
3. Place the baby on the scale with the tare item and weigh normally. The scale will show only the baby's weight.

NOTE: If the scale is empty, and does not read "0", press the **ZERO/CLEAR** button once to return the display to zero.

WEIGHT IN KG

The default weighing mode for this scale is in pounds. To change the units in use to KG, press the **Kg/LB** button once. To change the default setting to KG only whenever the scale is turned on, please call Health o meter® Professional Technical Support at (+1) 800-638-3722 or (+1) 708-377-0600.

MAINTENANCE AND CLEANING

Before first use and after periods of non-use, check the scale for proper operation.

Disconnect the scale from the power source, if plugged in.

1. This scale contains electronic parts. Use it carefully. Do not drop, kick or jump on it.
2. Do not store near chemicals, heaters or radiators.
3. Do not store scale on its side.
4. To clean the scale, wipe the outside of the scale and tray with a soft cloth and mild detergent.
5. Do not use abrasive cleaners. Do not use isopropyl alcohol, other solutions or sanitizing wipes to clean the display surface.
6. Do not spray it with liquid. Never place the scale in the water.

This scale is an extremely sensitive weighing device. Items such as clothing or towels placed or dropped on the scale may cause it to activate. **In order to prevent run down of the batteries, do not store or leave anything on the scale.**

CALIBRATION**553KL**

This scale has been factory calibrated and does not require calibration prior to use.

For maintenance, the calibration procedure may be performed using a known weight in kilograms.

Note: Calibration weight must be no less than 11 lb (5 kg) and no more than 44 lb (20 kg).

ACTION	DISPLAY SHOWS
Press and hold the Kg/LB and ZERO/CLEAR buttons at the same time, then momentarily press the ON/OFF button to start the scale. When "CAL" appears in the display, release the Kg/LB and ZERO/CLEAR buttons.	"CAL" then "XXXXX"
Press the ZERO/CLEAR button. "C-5" will flash on the display and then the display will return to "0".	"C-5" then "0"
Place 5 kg on the scale and when calibration number displayed stabilizes, press the ZERO/CLEAR button. "C-10" will flash on the display and then the display will return to "0".	"C-10" then "0"
Place 10 kg on the scale and when calibration number displayed stabilizes, press the ZERO/CLEAR button. "C-15" will flash on the display and then the display will return to "0".	"C-15" then "0"
Place 15 kg on the scale and when calibration number displayed stabilizes, press the ZERO/CLEAR button. "C-20" will flash on the display and then the display will return to "0".	"C-20" then "0"
Place 20 kg on the scale and when calibration number displayed stabilizes, press the ZERO/CLEAR button. "END" will appear on the display and the scale will automatically turn off.	"END"

TROUBLESHOOTING

Refer to the following instructions to check and correct any failure before contacting authorized service personnel.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Scale does not turn on	1. Battery problem 2. Bad Power Supply or Not Plugged In 3. Electrical Outlet not functioning	1. Check / Replace the batteries 2. Check / Replace Power Supply Adapter 3. Use a different outlet
"LobAt" shows in display	The batteries are low	Replace batteries according to instructions
Questionable weight or the scale does not zero	1. External object interfering with the scale 2. The display did not show "0.0" before weighing 3. Scale is not placed on a level surface 4. Scale is out of calibration	1. Remove interfering object from the scale—be sure the scale is not touching the wall 2. Ask the patient to step off the scale. Zero the scale and begin weighing process again 3. Place scale on level surface 4. Check weight with known weight value (see the calibration procedure above)
"OVER" shows in display	Overload. The load on the scale exceeds scale maximum capacity (44 lbs / 20 kg)	Remove weight, turn scale off, turn scale on again and try again
"UNDER" shows in display	Negative weight, indicating a tare was present. Load on the scale is below initial zero point	Clear scale of any weight and re-zero scale by pressing ZERO/CLEAR button

2-YEAR LIMITED WARRANTY**553KL****What does the Warranty Cover?**

This Health o meter® Professional scale is warranted from date of purchase against defects of materials or in workmanship for a period of two (2) years. If product fails to function properly, return the product, freight prepaid and properly packed to Pelstar, LLC (see "To Get Warranty Service", below, for instructions). If the manufacturer determines that a defect of material or in workmanship exists, the customer's sole remedy will be repair or replacement of the scale at no charge. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. All parts including repaired and replaced parts are covered only for the original warranty period.

Who is Covered?

The original purchaser of the product must have proof of purchase to receive warranty service. Please save your invoice or receipt. Authorized dealers selling Pelstar products do not have the right to alter, or modify or any way change the terms and conditions of this warranty.

What is Excluded?

Your warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, abuse including tampering, damage in transit, or unauthorized repair or alternations. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes and tornadoes. This warranty gives you specific legal rights, and you may also have other rights that vary from country to country, state to state, province to province or jurisdiction to jurisdiction.

To get Warranty Service make sure you keep your sales receipt or document showing proof of purchase. Call 800-638-3722 to receive a return authorization (RA) number, which must be included on the return label. Attach your proof of purchase to your defective product along with your name, address, daytime telephone number and description of the problem.

Carefully package the product and send with shipping and insurance prepaid to:

Pelstar, LLC
 Attention R/A# _____
 Repair Department
 11800 South Austin Avenue - B
 Alsip, IL 60803

If your scale is not covered by warranty, or has been damaged, an estimate of repair costs or replacement costs will be provided to you for approval, prior to servicing or replacing.

**Pelstar, LLC**

11800 South Austin Avenue - B • Alsip, IL 60803 • USA
1-800-638-3722 or 1-708-377-0600

PLEASE REGISTER YOUR SCALE FOR WARRANTY COVERAGE AT:
<http://www.hom scales.com/customers/registration.aspx>

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CERTIFIED